



Gibberellic Acid

Synonym: GA₃; Gibberellin A₃

CAS: 77-06-5

Formula: C₁₉H₂₂O₆

Molecular Wt: 346.41

Properties

Form: Powder

Appearance: White to Cream Powder

Application: Plant Growth Regulator

Solubility: Ethanol (EtOH), 1 N KOH

Typical Working

Concentration: 0.01 – 5.0 mg/L

Storage Temp: 2 to 6° C

Storage Temp of

Stock Solution: 2 to 6° C

Other Notes: Plant Tissue Culture Tested

Application Notes

Promotes shoot (internode) elongation; Breaks certain dormancies in seeds

Solubility: Customer reported dissolving 1 g in 5 mL absolute EtOH + 5 mL 1 N KOH; not confirmed by our labs.

References

Merck 13, 4430

Please Note: While *PhytoTechnology Laboratories*[™] tests each lot of this product with two or more plant cell/ tissue culture lines, it is the sole responsibility of the purchaser to determine the appropriateness of this product for the specific plants that are being cultured and applications that are being used.